Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 21 Jan 2021 until 23:59 on Friday 22 Jan 2021

Forecast Issued on Wednesday 20 Jan 2021 at 15:32

Confidence: High confidence for continued wintery weather on Thursday and becoming more settled after this.

Headline for Thursday 21 Jan 2021: Outbreaks of snow continuing but becoming lighter, westerly gales may cause some drifting and a severe wind chill.

Mountain weather hazards on Thursday 21 Jan 2021

Blizzards Low Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow	Heavy snow	Heavy snow	Light snow	Light snow	Heavy snow showers	Light snow showers (night)	Light snow showers (night)
Precipitation probability							
70%	70%	60%	50%	50%	60%	50%	50%

Forecast for Thursday 21 Jan 2021

Weather: Heavy sleet and snow will continue overnight but will become more showery by dawn with a few drier periods especially in the west. The rest of the day will be quite dull and cloudy with a few outbreaks of sleet and snow. There may be some drifting of snow in the westerly gales and access roads could easily become blocked.

Chance of cloud free mountain/hill tops above 600m: 10-20% there will be a lot of low cloud associated with snow and sleety outbreaks, cloud will break in the afternoon increasing the chance to 30-40% and perhaps more chance in the west.

Visibility: Generally very poor visibility with extensive low cloud base 200m and upwards, this will lift in the west in the morning to 600m. Visibility will improve in the afternoon as cloud lifts and there are less wintery outbreaks.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved

Mountain Weather Forecast

Forecast for Thursday 21 Jan 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/29 W	34/44 W	32/41 W	30/39 SW	29/39 SW	26/34 W	23/31 W	23/31 W	24/32 W
300	17/24 W	25/35 W	24/33 W	23/32 SW	23/33 SW	20/29 SW	16/24 W	16/23 SW	18/27 W
Valley	12/24 W	17/34 W	17/35 W	14/31 SW	15/31 SW	14/28 W	11/24 W	9/20 W	11/25 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-8	-1/-10	-2/-10	-2/-10	-1/-9	-0/-8	-1/-8	-1/-8	-1/-9
300	1/-5	1/-6	0/-7	0/-6	2/-5	2/-4	1/-4	1/-4	1/-5
Valley	1/-4	2/-4	0/-5	1/-4	2/-3	2/-2	2/-2	2/-2	2/-3
Freezing Level*	300m	400m	300m	300m	400m	500m	500m	400m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gale force gusts on the summits in the morning with a severe wind chill likely. Access roads will see some accumulations at low level.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 20 Jan 2021	42.2mm	69.8mm	69.8mm

Forecast for Friday 22 Jan 2021

Weather: A mixture of sunshine and blustery wintery showers and feeling very cold.

Maximum wind: Westerly 20mph with gusts 30mph.

Chance of cloud free mountain/hill tops above 600m: 40-50% still some low cloud associated with showers.

Visibility: Although the main cloud bases will be above the summits there will be scattered cloud falling below the tops to a base around 500m at times. Visibility may become poor or very poor in any heavier wintery showers.

Temperature: **Valleys:** Zero rising to plus 4 Celsius.
At 600m: Minus 1 Celsius.
Freezing level: 500m

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved